

Effects of NRCS Conservation Practices - National

Forest Trails and Landings

A temporary or infrequently used route, path or cleared area.

Code: 655

Units: ft

Typical Landuse:

AL-Aso Land	
O-Other	
W-Water	
D-Developed	
FS-Farmstead	
PI-Protected	
P-Pasture	
R-Range	
F-Forest	F
C-Crop	Pr
	O

<u>Soil Erosion</u>	<u>Effect</u>	<u>Rationale</u>
Soil Erosion - Sheet and Rill Erosion	-1	Travel-ways and cleared areas are treated to minimize soil detachment by water.
Soil Erosion - Wind Erosion	0	Disturbed areas are not extensive enough for wind erosion.
Soil Erosion - Ephemeral Gully Erosion	-1	Travel-ways and cleared areas are treated to minimize soil detachment by water.
Soil Erosion - Classic Gully Erosion	-1	Trails and landings are designed, located and maintained to minimize on site and off site impacts to resources.
Soil Erosion - Streambank, Shoreline, Water Conveyance C	0	Trails and landings are designed, located and maintained to minimize on site and off site impacts to resources including streambanks.
<u>Soil Quality Degradation</u>		
Organic Matter Depletion	-1	Removal of woody vegetation from a site removes organic material that could have become soil organic matter.
Compaction	1	Use of designated trails restricts compaction to limited areas.
Subsidence	0	Not Applicable
Concentration of Salts or Other Chemicals	0	The chemical make up of the soil is not altered by disturbance or short term manipulation of vegetative cover.
<u>Excess Water</u>		
Excess Water - Seeps	0	Not Applicable
Excess Water - Runoff, Flooding, or Ponding	0	Wet and flood prone areas are avoided.
Excess Water - Seasonal High Water Table	0	Wet and flood prone areas are avoided.
Excess Water - Drifted Snow	0	Not Applicable
<u>Insufficient Water</u>		
Insufficient Water - Inefficient Use of Irrigation Water	0	Not Applicable
Insufficient Water - Inefficient Moisture Management	0	Not Applicable
<u>Water Quality Degradation</u>		
Pesticides in Surface Water	0	Not Applicable
Pesticides in Groundwater	0	Not Applicable
Nutrients in Surface water	1	Proper design, location, and maintenance will minimize off-site delivery of sediment and nutrients from areas disturbed during logging.
Nutrients in Groundwater	0	Not Applicable
Salts in Surface Water	0	Not Applicable
Salts in Groundwater	0	Not Applicable
Excess Pathogens and Chemicals from Manure, Bio-solic	0	Not Applicable
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Excessive Sediment in Surface Water	0	Trails will be designed to minimize erosion.														
Elevated Water Temperature	0	Not Applicable														
Petroleum, Heavy Metals and Other Pollutants Transport	0	Not Applicable														
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<u>Air Quality Impacts</u>																
Emissions of Particulate Matter (PM) and PM Precursors	0	Not Applicable														
Emissions of Ozone Precursors	0	Not Applicable														
Emissions of Greenhouse Gases (GHGs)	0	Not Applicable														
Objectionable Odors	0	Not Applicable														
<u>Degraded Plant Condition</u>																
Undesirable Plant Productivity and Health	1	Trails and landings are located to avoid negative impacts on desirable plants as well as allow access for management activities to improve productivity, health and vigor.														
Inadequate Structure and Composition	0	When species are selected, they are adapted and suited.														
Excessive Plant Pest Pressure	1	Trails and landings facilitate management of undesirable vegetation.														
Wildfire Hazard, Excessive Biomass Accumulation	3	Trails provide firebreaks and access to sites for fuel reduction activities.														
<u>Fish and Wildlife - Inadequate Habitat</u>																
Inadequate Habitat - Food	1	Disturbed areas are revegetated and provide some food for wildlife.														
Inadequate Habitat - Cover/Shelter	1	Disturbed areas are revegetated and provide some cover for wildlife.														
Inadequate Habitat - Water	-1	Not Applicable														
Inadequate Habitat - Habitat Continuity (Space)	-1	Breaks in canopy cover may interrupt continuity of habitat for certain wildlife species.														
<u>Livestock Production Limitation</u>																
Inadequate Feed and Forage	1	Distribution of animals makes forage more readily available to livestock.														
Inadequate Shelter	0	Not Applicable														
Inadequate Water	0	Not Applicable														
<u>Inefficient Energy Use</u>																
Equipment and Facilities	0	Not Applicable														
Farming/Ranching Practices and Field Operations	1	Improved efficiency in harvest operations.														
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